

For Research Use Only

# GNMT Monoclonal antibody, PBS Only



Catalog Number: 67294-1-PBS

## Basic Information

<b>Catalog Number:</b> 67294-1-PBS	<b>GenBank Accession Number:</b> BC032627	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27232	<b>CloneNo.:</b> 1B5E3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14749	
<b>Isotype:</b> IgG1	<b>Full Name:</b> glycine N-methyltransferase	
<b>Immunogen Catalog Number:</b> AG4598	<b>Calculated MW:</b> 295 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
WB, IF, Indirect ELISA  
**Species Specificity:**  
Human, Mouse, Pig, Rat

## Background Information

Glycine N-methyltransferase (GNMT, EC 2.1.1.20) was found originally as an enzyme regulating the ratio of SAM to S-adenosyl- homocysteine. GNMT is conservative among different animal species. Glycine-N methyltransferase (GNMT) is a potential tumor suppressor that is commonly inactivated in human hepatoma. GNMT is abundant in liver, but very low in HepG2 cells (PMID: 12566990).

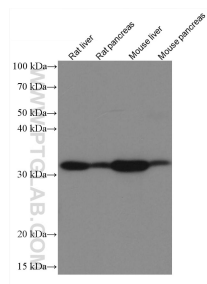
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

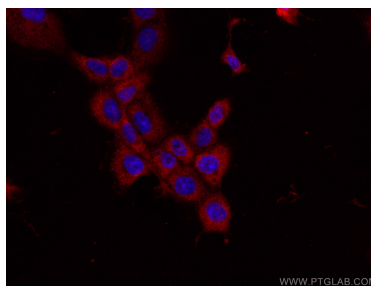
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67294-1-Ig (GNMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67294-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using GNMT antibody (67294-1-Ig, Clone: 1B5E3 ) at dilution of 1:800 and CoraLite® 594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67294-1-PBS in a different storage buffer formulation.